AUTHOR INDEX, VOLUME 170

Abou-Jaoude W, 313
Acosta JA, 643
Adelman MA, 165
Ahmad S, 371
Ahn CY, 521
Alfrey, 671
Aljinovic N, 432
Allen BT, 188
Allen RC, 174
Ancona E, 265
Andersen PE, 467
Anderson CB, 188
Andrassy RJ, 606
Andrews BF, 314
Anselmino M, 265
Arcerito M, 614
Arcomano TR, 656
Arends TW, 577
Arkovitz MS, 292
Arnold MW, 315
Ascer E, 103
Aufses AH Jr., 366
Aust JB, 547

Babikian VL, 159
Bacha EA, 209
Badellino MM, 399
Baer JC, 44
Bagchi D, 552
Bagchi M, 552
Bain J, 481
Bains MS, 427
Ballard JL, 251
Barbosa AJA, 702
Barie PS, 62
Barkan H, 361
Barkmeier LD, 154, 168
Barrali RA Jr., 506
Bartlett ST, 118
Bass JD, 289, 701
Bass RC, 292
Battaloglu B, 246
Baxter BT, 193, 231
Bay C, 651
Bay RC, 696
Bayazit K, 246
Bayazit M, 246
Belkin M, 97
Bell JL, 323
Bennett CL, 55
Berger A, 306
Berkowitz HD, 136
Biffl WL, 591
Bitzer L, 691
Bjerke HS, 656
Black CT, 606
Blatchford GJ, 609
Boatman AM, 665
Boccu' C, 265
Bonavina L, 265
Borman KR, 638
Borunda D, 305
Boudet M-J, 19
Bounameaux H, 395
Bouzari H, 10
Bower TC, 213
Braithwaite BD, 131
Brandão LG, 451
Bremner CG, 602
Brentani RR, 492
Briggs KL, 499
Brolin RE, 366
Brooks ME, 564
Brunner RD, 676
Buckman RF Jr., 399
Bugis SP, 476
Buin F, 265
Bunt TJ, 251
Burch JM, 537, 591
Burke GJ, 488
Byers PM, 341
Byrd M, 243

Cabellon A, 113
Calligaro KD, 123
Cambria RA, 213
Cantelmo NL, 159
Capussotti L, 10
Carey PD, 277
Carlton LM, 183
Carrico CJ, 582
Carrillo EH, 341
Carrillo LE, 341
Carter MF, 227
Casale MA, 495
Castronuovo JJ Jr., 174
Cernea CR, 451
Chaet MS, 292
Chaikof EL, 174, 209
Chalkiadakis GE, 353
Chandler JC, 366
Chang BB, 109
Chang FC, 686
Chary K, 506
Cherry KJ Jr., 213
Cheung AHS, 60
Chijiiwa K, 51, 356
Choi J, 198
Christen Y, 395
Christensen MA, 609
Ciocca RG, 198
Clark GWB, 597
Clark J, 512
Clayman GL, 499
Coburn MC, 471
Collard J-M, 597
Collier PE, 140
Collins JC, 619
Collins T, 691
Comerota AJ, 148, 218
Cone J, 691
Conte MS, 97
Cooke TG, 319
Copes WS, 333
Corpron CA, 606
Cosgriff N, 537
Costantini M, 265
Crookes PF, 602
Cullinane C, 15
Cuschieri A, 391
Cutler BS, 223
Cynamon J, 179

Dafoe DC, 671
Dalton DP, 227
Darling RC III, 109
Darne B, 38
David E, 481
Davis NL, 423, 476
de Man BM, 256
Deenitchin GP, 51
DeLacure MD, 521
DeLaurentis DA, 123
DeMeester TR, 597, 602
Dent TL, 314
Deshmukh RM, 86
Dias FL, 436
Diaz-Ordaz E, 506
Dodson TF, 209
Donaldson MC, 97
Doolittle C, 512
dos Santos LRM, 451
Dougherty MJ, 123
Dreiling LK, 647
Dubner S, 517
DuBois JJ, 308
Duccini E, 436
Duensing RA, 619
Durham JR, 227
Durham RM, 681

Earnshaw JJ, 131
Eidt J, 691
Ellinger J, 126
Elmore JR, 91
Engle S, 602
Eremin O, 2
Evans P, 201

Fainzilber G, 568
Fan F-L, 60
Fansler RF, 15
Farag A, 304
Fava C, 10
Fearon KCH, 319
Fenton KN, 69
Ferraz AR, 451
Filho VJFA, 451
Fingerhut A, 19
Fleshner PR, 366
Flint LM, 15
Flye MW, 188
Flynn MB, 407
Flynn TC, 183
Fonkalsrud EW, 309
Foulds S, 277
Fox KA, 564
Francis WW, 309
Franklin DP, 91
Freitas CAF, 451
Freitas EQ, 436
Friedman SG, 235
Frileux P, 306
Fry WR, 632
Fujioka T, 285

Galt SW, 227
Garay KF, 453
Garcia G, 671
Garcia VF, 292
Garnett JE, 227
Garren R, 651
Garvin P, 577
Gavrilescu T, 159
Gennaro M, 103
Georgeac C, 19
Gerhard H, 174
Germann E, 476
Gerold T, 506
Gibney EJ, 305
Ginzburg E, 341
Given HF 24
Glicksman AS, 512
Gloviczki P, 213
Goad K, 201
Goepfert CJ, 643
Goepfert H, 410, 499
Göl MK, 246
Goldberg A, 399
Goldsmith J, 106
Gonnianakis C, 353
Gonzales R, 647
Good GM, 148
Gosselin C, 126
Goulet RJ, 44
Grabowski MW, 399
Graham AM, 198
Granick MS, 502
Green C, 75
Green RM, 144
Greenlee JA, 643
Greisler HP, 126
Grogan JB, 289, 701
Gubler KD, 643
Guidry S, 289, 701
Guillou PJ, 277
Guth AA, 5
Gwin JL Jr., 323

Haddow G, 671
Haenel JB, 537, 591
Hagen JA, 597
Haimov M, 206
Hajarizadeh H, 223
Hall KA, 572
Hallett JW Jr., 213
Halloran BG, 193, 231
Hao H, 27
Harada RN, 148
Harms BA, 375
Harward TRS, 183
Hashemi HA, 148

Hasselfeld KA, 86
Hawes RH, 44
Hay J-M, 19
Heller KS, 517
Helmer SD, 686
Hendriks T, 256
Herrmann JB, 223
Herzog CE, 606
Heye C, 660
Hill SL, 201
Hinder PR, 552
Hinder RA, 552
Hitchcock CL, 315
Hodgson KJ, 154, 168
Hojaij FC, 451
Holtzman GI, 201
Hong F, 506
Hood DB, 154, 168
Hoogenhout J, 256
Houdart R, 38
Houry S, 19
Howard TJ, 44
Howe SF, 231
Howman-Giles RB, 461
Hsiang YN, 423
Huber PM, 345
Huber R, 345
Huber TS, 183
Hudson KB, 323
Hughes JD, 209
Hulihan JF, 148
Hume AT, 638
Hunter GC, 564, 572
Hurst TL, 446
Huyben KMLC, 256

Ikeda S, 51
Imparato AM, 165
Incarbone R, 602
Ireland AP, 597
Itani KMF, 543
Iuchtman M, 524

Jacobowitz GR, 165
Jaekels JL, 118
James J, 481
James KV, 86
Johnson LB, 118
Jordan PH, 27
Jurlina M, 432
Juvonen T, 33, 387

Kameoka N, 356
Kaminski DL, 577
Katz SG, 238
Kaufman S, 506
Kee JC, 136
Keller A, 517
Kelley DJ, 427
Kelly KA, 262, 381
Kent P, 24
Kerin MJ, 24
Khurana VG, 446
Killeen JD, 251
Killewich LA, 118
Kim U, 5
Kimura H, 51
King B, 323
Kinsella J, 467
Kirsh JC, 481
Kiviniemi H, 387
Kligerman J, 436
Klopfenstein C-E, 395
Kobayashi MR, 521
Koehler RH, 632
Kohl RD, 238
Kohlman-Trigoboff D, 113
Kolli VR, 495
Koness RJ, 512
Konomi H, 51
Konvolinka CW, 333
Kopecky K, 44
Korpan NN, 271
Kowalski LP, 440, 492
Kozaki N, 356
Kraus DH, 427
Kreutzer DL, 416
Krüger I, 345
Kumada K, 64
Kuo PC, 671
Kuper K, 345
Kuzume M, 64

Laitala P, 33
Laitinen S, 387
Lally KP, 606
Lamparello PJ, 165
Landman C, 512
Lawrence W, 506
Leather RP, 109
Lehman GA, 44
Leigh I, 75
Lima RA, 436
Limm WML, 60
Lindquist R, 416
Little AG, 656
Lloyd WE, 109
Lockard VG, 289, 701
Lohr JM, 86
Longo WE, 577
Loré JM Jr., 506
Loree TR, 467, 521
Lorensen E, 103
Luchtefeld WB, 681
Lumsden AB, 174
Luukkonen K, 33
Lynch TG, 231
Lyon RT, 179

Mack CA, 62
Mackersie RC, 660
Madura JA, 44
Magrin J, 440
Mäkelä JT, 387
Makuuchi M, 84
Malone JM, 251, 651
Mann D, 624
Mannick JA, 97
Mansour A, 154, 168
Marin ML, 179
Markowitz BL, 521
Martin D, 201
Martin EW Jr., 315
Martin L, 341
Martin T, 209
Marucci MM, 10
Matsumoto T, 243
Mattos MA, 154, 168
Mattox KL, 568
Maxwell P, 681
Mazuski JE, 681
McArdle CS, 319
McCarthy WH, 461
McCarthy WJ, 227
McGinn T, 552
McGregor B, 406, 656
McGregor GI, 476
McHenry CR, 484
McIntyre RC Jr., 591, 647
Mclachlan JG, 696
McMillan DC, 319
Meade PG, 609
Meldrum DR, 537
Melo LEB, 436
Mentis DH, 446
Mercado MA, 305
Michalodimitrakis M, 353
Mignogna FV, 453
Mileski WJ, 582
Minato H, 285
Minei JP, 582
Miracca EC, 492
Mizrahi SS, 313
Mogavero G, 44
Monson JRT, 277
Moore EE, 537, 591
Moore FA, 537, 591
Moore MJ, 55
Morabito DJ, 632, 660
Morel P, 395
Morgenstern L, 237
Moritz MW, 174
Morrell DG, 686
Mularski RA, 564
Mulvihill SJ, 614
Myers GA, 375
Myers JG, 547
Myers S, 75

Nagai MA, 492
Naito T, 356
Nakano H, 64
Namatame K, 64
Naritomi G, 51
Navsaria H, 75
Nelson EW, 558
Nguyen TQ, 676
Nissinen J, 33
Nwariaku FE, 582, 628

O'Brien CJ, 446, 461
O'Hanlon DM, 24
Ogawa Y, 51
Olivatto LO, 436
Organ CH Jr., 632
Orozco H, 305
Ouriel K, 144
Ozeran S, 361

Pachter HL, 5
Packham NA, 446
Page CP, 547
Pairolero PC, 213
Palcic B, 423
Pan W, 123
Parks-Miller C, 691
Pathak I, 423
Patti MG, 614
Paty PSK, 109
Pearce WH, 227
Pearlman NW, 647
Pellegrini CA, 614
Peracchia A, 265
Perdikis G, 552
Perniceni T, 38
Peters B, 572
Peters JH, 597, 602
Petersen-Schaefer K, 461
Peterson G, 577
Peterson JA Jr., 406
Petrik PV, 131
Petroianu A, 702
Petros JG, 371
Pichlmaier H, 345
Pochay V, 159
Poindexter B, 183
Polastri R, 10
Polk HC Jr., 312
Pollina RM, 103
Prado E, 305
Prorok GD, 193
Putnam CW, 572

Qian X-h, 502
Quenville NF, 423
Quinn MJ, 461

Racke F, 484
Ragland JJ, 643
Ramsey DE, 154, 168
Rappaport WD, 564, 572
Realica R, 371
Reilly JM, 188
Ren D, 126
Resnikoff M, 174
Reymond M-A, 395
Rhoads JE Jr., 67, 525
Richardson JD, 69
Riles TS, 165
Rimm EB, 371
Ritchie AWS, 131
Roberts JE, 118
Robertson R, 691
Robillard RJ, 371
Robinson WA, 647
Rodeberg DA, 292
Rohrer MJ, 223
Rosales R, 159
Rosen IB, 481
Rosenman LD, 306
Rossi M, 265
Rothman VL, 502
Roy-Shapira A, 568
Rubin BG, 188
Rudzwick H, 586

Sá GM, 436
Sabates B, 15
Sacco WJ, 333
Sacks PG, 495
Sagraves SG, 696
Sales CM, 106

Salmeron M, 38
Sanchez LA, 179
Sandager GL, 118
Sanders R, 75
Santos CR, 440
Saradeth T, 271
Sarfati MR, 564
Sariego J, 243
Sarr MG, 262
Satta J, 33
Savage HE, 495
Sawai K, 285
Sawyer RB, 528
Scannell G, 586
Schantz SP, 495
Schanzer H, 206
Scher K, 304
Schiller WR, 696
Schlinkert RT, 624
Schneebaum S, 315
Schorr SJ, 401
Schwartz MA, 206
Schwartz ML, 123
Schweitzer EJ, 118
Schwesinger WH, 547
Scopel A, 440
Scott-Conner CEH, 289, 401, 701
Seeger JM, 183
Seifert WF, 256
Seiwert AJ, 91
Sellin RV, 606
Shagoury C, 660
Shah DM, 109
Shah JP, 427, 467
Shaha AR, 427, 467, 495
Shapiro MJ, 681
Shapiro S, 391
Shatney CH, 676
Shaw HM, 461
Shaw WW, 52
Shedd DP, 521
Sherman S, 44
Shockett E, 701
Sicard GA, 188
Siegman MG, 366
Simon J-F, 38
Simsir SA, 113
Sirinek KR, 547
Skladany M, 206
Slater GI, 366
Slotman G, 512
Smith BM, 113
Smith RB III, 209
Smith RS, 632
Smith S, 231
Smyth SH, 572
So BJ, 193
Soares JRN, 436
Solomon MP, 502
Spann JC, 628
Sparkman RS, 307
Spaulding M, 506
Spies AL, 521
Spiro JD, 416
Spiro RH, 427, 457
Spitz MR, 499
Stanson AW, 213
Starling JR, 375
Stein J, 206
Stenger DB, 484
Stevens GN, 446
Stewart MG, 27
Stewart RM, 547
Sturgeon C, 319
Subramony C, 289, 701
Sudan D, 314
Sugawara Y, 84
Sumner DS, 154, 168
Sundquist N, 506

Taheri P, 15
Takahashi T, 285, 305
Tanaka M, 51, 356
Taniguchi H, 285
Tasdemir O, 246
Taylor RJ, 231
Taylor TV, 543
Tellez MG, 660
Ternent CA, 609
Terracina, 582
The French Associations for Surgical Research, 19
The Southern Surgeons Club, 55
Thompson JF, 461
Thompson JS, 532
Thompson RW, 188
Thompson WA, 62
Thorson AG, 609
Tokmakoglu H, 246
Toler W, 201
Tominaga GT, 586
Tong J, 614
Tortolani AJ, 235
Trizna Z, 499
Truong LD, 27
Tsakalof A, 353
Tsatsakis A, 353
Tu BN, 262, 381
Tuszynski GP, 502

Uglesic V, 432
Ure T, 577
Uren RF, 461
Urscel JD, 524

Vaezi MF, 310
Veith FJ, 106, 123, 179
Velanovich V, 327
Vergara V, 10
Vernava AM, 577
Virag M, 432
Vogel J-J, 395
von Biberstein SE, 416

Wait M, 628
Wakefield CH, 277
Walker LG, 2
Wall MJ Jr., 568
Wallace B, 691
Wanebo HJ, 471, 512
Wang TN, 502
Ward D, 577
Warneke JA, 564, 572
Waxman K, 586
Way LW, 614
Webster S, 361
Wei JP, 488
Weiland DE, 651
Wetscher GJ, 552
Wheeler MS, 60
White JV, 218
Whitman ED, 665
Whittemore AD, 97
Wibbenmeyer L, 681
Wiebke EA, 44
Williams RA, 619
Wilson SE, 619
Winslow GA, 558
Winter M, 159
Wobbes T, 256
Wolf R, 427
Wong LL, 60
Wong LMF, 60
Wong RS, 521
Wotherspoon HA, 319

Yamaguchi M, 64
Yamaguchi T, 285
Yamamoto L, 492
Yanaga K, 84
Yao JST, 227
Youkey JR, 91
Young DC, 315
Yutani C, 27

Zaninotto G, 265
Ziegler DW, 67
Zimmermann H, 701
Zrada S, 243
Zucker KA, 406

Volume 170 Subject Index

EO = Editorial Opinion; RE = Review; LE = Letter to the Editor

ABDOMEN
A Technique for Laparoscopic Repair of Herniation of the Anterior Abdominal Wall Using a Composite Mesh Prosthesis; 62
Polypropylene Mesh Closure of the Complicated Abdominal Wound; 15

ABDOMINAL AORTIC ANEURYSM
Acute Peritoneal Dialysis Following Ruptured Abdominal Aortic Aneurysms; 223
Delayed Rupture of Aortic Aneurysms Following Endovascular Stent Grafting; 174
Management of Synchronous Renal Cell Carcinoma and Aortic Disease; 231
Outcome and Expansion Rate of 57 Thoracoabdominal Aortic Aneurysms Managed Nonoperatively; 213
Routine Coronary Arteriography Before Abdominal Aortic Aneurysm Repair; 246
Ruptured Abdominal Aortic Aneurysm Repair: The Financial Analysis; 91
Simultaneous Abdominal Aortic Aneurysm Repair and Nephrectomy for Neoplasm; 227

ABDOMINAL WALL
Factors Influencing Wound Dehiscence After Midline Laparotomy; 387

ABDOMINAL WALL HERNIAS
Abdominal Wall Hernias in Patients With Abdominal Aortic Aneurysmal Versus Aortoiliac Occlusive Disease; 572

ACIDOSIS
Severe Acidosis Alone Does Not Predict Mortality in the Trauma Patient; 691

ACUTE-PHASE RESPONSE
A Prospective Study of Tumor Recurrence and the Acute-Phase Response After Apparently Curative Colorectal Cancer Surgery; 319

ADHESIONS
Factors Predicting the Recurrence of Adhesive Small-Bowel Obstruction; 361

AIDS
Penetrating Trauma and Emergency Surgery in Patients With AIDS; 341

AMPUTATION
Predictors of Amputation for Popliteal Artery Injuries; 568

ANALGESIA
Patient-Controlled Analgesia and Prolonged Ileus After Uncomplicated Colectomy; 371

ANEURYSM
Reducing Morbidity of Thoracoabdominal Aneurysm Repair by Preliminary Axillofemoral Bypass; 218
Transfemoral Endovascular Repair of Iliac Artery Aneurysms; 179

ANGIOACCESS
The Percutaneous Treatment of Angioaccess Graft Complications; 238

ANGIOGRAM
Computerized Angiographic Analysis of the Outcome of Peripheral Thrombolysis; 131

ANGIOSCOPY
Prospective Study of the Value of Prebypass Saphenous Vein Angioscopy; 106

ANOMALY
Anomalies at the Thoracic Outlet Are Frequent in the General Population; 33

ANTIBIOTICS
Recommendations for Initial Antibiotic Treatment of Extracavitary Arterial Graft Infections; 123

ANTIPHOSPHOLIPID ANTIBODIES
Antiphospholipid Antibodies Lead to Increased Risk in Cardiovascular Surgery; 198

AORTIC ANEURYSM
Acute Peritoneal Dialysis Following Ruptured Abdominal Aortic Aneurysms; 223
Delayed Rupture of Aortic Aneurysms Following Endovascular Stent Grafting; 174
Management of Synchronous Renal Cell Carcinoma and Aortic Disease; 231
Outcome and Expansion Rate of 57 Thoracoabdominal Aortic Aneurysms Managed Nonoperatively; 213
Routine Coronary Arteriography Before Abdominal Aortic Aneurysm Repair; 246
Ruptured Abdominal Aortic Aneurysm Repair: The Financial Analysis; 91
Simultaneous Abdominal Aortic Aneurysm Repair and Nephrectomy for Neoplasm; 227

AORTOILIAC OCCLUSIVE DISEASE
Abdominal Wall Hernias in Patients With Abdominal Aortic Aneurysmal Versus Aortoiliac Occlusive Disease; 572
Management of Synchronous Renal Cell Carcinoma and Aortic Disease; 231

APPENDIX
A Half Century of Experience With Carcinoid Tumors in Children; 606

ARTERIAL BYPASS
Choice of Peroneal or Dorsalis Pedis Artery Bypass for Limb Salvage; 109
The Impact of Gender on the Results of Arterial Bypass With In Situ Greater Saphenous Vein; 97

ARTERIOGRAPHY
Routine Coronary Arteriography Before Abdominal Aortic Aneurysm Repair; 246

ASPIRATION PNEUMONIA
Aspiration Pneumonia Following Surgically Placed Feeding Tubes; 564

AUTOFLUORESCENCE
Detection of Squamous Neoplasia by Fluorescence Imaging Comparing Porfimer Sodium Fluorescence to Tissue Autofluorescence in the Hamster Cheek-Pouch Model; 423

AXILLOFEMORAL BYPASS
Reducing Morbidity of Thoracoabdominal Aneurysm Repair by Preliminary Axillofemoral Bypass; 218

BILE DUCT
Does Level of Ligation Influence Results in a Murine Biliary Obstruction Model? (LE); 701

BILIARY OBSTRUCTION
Does Level of Ligation Influence Results in a Murine Biliary Obstruction Model?; 289

BILIRUBIN
Fiberoptic Sensor For Bilirubin (LE); 310

BIOPSY
Surgical Margins After Needle-Localization Breast Biopsy; 643

BLUNT DIAPHRAGMATIC RUPTURE
Pitfalls in the Diagnosis of Blunt Diaphragmatic Injury; 5

BREAST
Breast Cancer in Young Patients; 243
The Diagnosis and Management of Breast Problems During Pregnancy and Lactation (RE); 401
Immediate Biopsy Versus Observation for Abnormal Findings on Mammograms: An Analysis of Potential Outcomes and Costs; 327
Interval Mammography After Needle Localization Biopsy of Breast Abnormalities That Are Pathologically Benign; 323
Surgical Margins After Needle-Localization Breast Biopsy; 643
Unilateral Breast Masses in Men Over 40: A Diagnostic Dilemma; 24
Unilateral Breast Masses in Men Over 40: A Diagnostic Dilemma (LE); 701

BURNS
Survival in Major Burn Injuries Is Predicted by Early Response to Swan-Ganz–Guided Resuscitation; 696

BYPASS
Noninvasive Predictors of Patency for Infrapopliteal PTFE Bypasses With Combined Arteriovenous Fistula and Vein Interposition Technique; 103
Prospective Study of the Value of Prebypass Saphenous Vein Angioscopy; 106

BYPASS GRAFT
Occluded Infrainguinal Grafts: When to Choose Lytic Therapy Versus a New Bypass Graft; 136

CALCIUM SIGNALLING
Investigation of Calcium-Induced Hydrolysis of Phosphoinositides in Normal and Lithium-Treated Parathyroid Cells; 484

CALF VEIN THROMBI
Calf Vein Thrombi Are Not a Benign Finding; 86

CANCER
Age Correlates With Increased Frequency of High Risk Factors in Elderly Patients With Thyroid Cancer; 471
Carcinoembryonic Antigen Measurements in the Management of Esophageal Cancer: An Indicator of Subclinical Recurrence; 597
Diagnosis and Management of Malignant Pleural Effusions (RE); 69
Differentiated Carcinoma of the Thyroid With Extrathyroidal Extension; 467
Elective Neck Dissection in the Treatment of T3/T4 N0 Squamous Cell Carcinoma of the Larynx; 436
Enhanced Tumor Cell Expression of Tumor Necrosis Factor Receptors in Head and Neck Squamous Cell Carcinoma; 416
An Evaluation of Prognostic Scoring Systems in Patients With Follicular Thyroid Cancer; 476
Factors Influencing Contralateral Metastasis and Prognosis From Pyriform Sinus Carcinoma; 440
Glutathione S-Transferase Genotypes as Risk Factors for Head and Neck Cancer; 499
A Half Century of Experience With Carcinoid Tumors in Children; 606
Hartmann's Operation—Back to the Future? (LE); 305
Immediate Biopsy Versus Observation for Abnormal Findings on Mammograms: An Analysis of Potential Outcomes and Costs; 327
Impact of Clinicopathologic Parameters on Patient Survival in Carcinoma of the Cervical Esophagus; 427
Improved Survival With Preoperative Chemotherapy Followed by Resection Uncompromised by Tumor Response for Advanced Squamous Cell Carcinoma of the Head and Neck; 506
Management of Synchronous Renal Cell Carcinoma and Aortic Disease; 231
Preoperative Chemoradiation Downstages Locally Advanced Ultrasound-Staged Rectal Cancer; 609
Preoperative Cisplatin and Accelerated Hyperfractionated Radiation Induces High Tumor Response and Control Rates in Patients With Advanced Head and Neck Cancer; 512
Psychoneuroimmunology: A New Fad or the Fifth Cancer Treatment Modality? (EO); 2
Pylorus-Preserving Gastrectomy With Radical Lymph Node Dissection Based on Anatomical Variations of the Infrapyloric Artery; 285
Radioimmunoguided Surgery in Primary Colorectal Carcinoma: An Intraoperative Prognostic Tool and Adjuvant to Traditional Staging; 315
A Selective Therapeutic Approach to Gastric Cancer in a Large Public Hospital; 602
Breast Cancer in Young Patients; 243
Surgical Margins After Needle-Localization Breast Biopsy; 643
Surgical Rescue of Recurrent Carcinoma of the Nasal Columella; 453
TP53 Mutations in Upper Aerodigestive Squamous Cell Carcinomas From a Group of Brazilian Patients; 492

CAPTOPRIL RENOGRAPHY
Selection of Patients for Renal Artery Repair Using Captopril Testing; 183

CARCINOEMBRYONIC ANTIGEN
Carcinoembryonic Antigen Measurements in the Management of Esophageal Cancer: An Indicator of Subclinical Recurrence; 597

CARCINOMA
Simultaneous Abdominal Aortic Aneurysm Repair and Nephrectomy for Neoplasm; 227

CARDIAC WOUNDS
Clamp Control of the Right Ventricular Angle to Facilitate Exposure and Repair of Cardiac Wounds; 399

CARDIOPULMONARY FUNCTION
Cardiopulmonary Hazards of Perihepatic Packing for Major Liver Injuries; 537

CARDIOVASCULAR SURGERY
Antiphospholipid Antibodies Lead to Increased Risk in Cardiovascular Surgery; 198

CAROTID ARTERY
Detection of Total Occlusion, String Sign, and Preocclusive Stenosis of the Internal Carotid Artery by Color-Flow Duplex Scanning; 154

CAROTID ENDARTERECTOMY
Appropriate Frequency of Carotid Duplex Testing Following Carotid Endarterectomy; 144
Are One-Day Admissions for Carotid Endarterectomy Feasible?; 140
Cerebral Microembolism During Carotid Endarterectomy; 159
Long-Term Follow-Up of Patients Undergoing Carotid Endarterectomy in the Presence of a Contralateral Occlusion; 165
Reduced Length of Stay Following Carotid Endarterectomy Under General Anesthesia; 235

CEFTRIAXONE
Preincisional Single-Dose Ceftriaxone for the Prophylaxis of Surgical Wound Infection; 353

CERVICAL BANDS
Congenital Cervical Bands in Thoracic Outlet Syndrome (LE); 524

CERVICAL NODES
Parotid and Neck Metastases From Cutaneous Squamous Cell Carcinoma of the Head and Neck; 446

CERVICAL SPINE FRACTURE
The Safety of Orotracheal Intubation in Patients With Unstable Cervical Spine Fracture or High Spinal Cord Injury; 676

CHEMORADIATION
Preoperative Chemoradiation Downstages Locally Advanced Ultrasound-Staged Rectal Cancer; 609

CHEMOTHERAPY
Improved Survival With Preoperative Chemotherapy Followed by Resection Uncompromised by Tumor Response for Advanced Squamous Cell Carcinoma of the Head and Neck; 506

CHOLANGITIS
Treatment of Choice for Choledocholithiasis in Patients With Acute Obstructive Suppurative Cholangitis and Liver Cirrhosis; 356

CHOLECYSTECTOMY
Is Academic Managed Care an Oxymoron?; 651
The Learning Curve for Laparoscopic Cholecystectomy; 55
Predicting Common Bile Duct Lithiasis: Determination and Prospective Validation of a Model Predicting Low Risk; 38

CHOLEDOCHOLITHIASIS
Managing Choledocholithiasis in the Laparoscopic Era; 619
Treatment of Choice for Choledocholithiasis in Patients With Acute Obstructive Suppurative Cholangitis and Liver Cirrhosis; 356

CHOLELITHIASIS
Long-Term Evolution of Asymptomatic Cholelithiasis in Patients With Cirrhosis (LE); 305

CIRRHOSIS
Long-Term Evolution of Asymptomatic Cholelithiasis in Patients With Cirrhosis (LE); 305
Treatment of Choice for Choledocholithiasis in Patients With Acute Obstructive Suppurative Cholangitis and Liver Cirrhosis; 356

CISPLATIN
Preoperative Cisplatin and Accelerated Hyperfractionated Radiation Induces High Tumor Response and Control Rates in Patients With Advanced Head and Neck Cancer; 512

COLECTOMY
Patient-Controlled Analgesia and Prolonged Ileus After Uncomplicated Colectomy; 371

COLON
Intraoperative Irradiation Delays Anastomotic Repair in Rat Colon; 256

COLORECTAL CANCER
A Prospective Study of Tumor Recurrence and the Acute-Phase Response After Apparently Curative Colorectal Cancer Surgery; 319
Radioimmunoguided Surgery in Primary Colorectal Carcinoma: An Intraoperative Prognostic Tool and Adjuvant to Traditional Staging; 315

COLUMELLA
Surgical Rescue of Recurrent Carcinoma of the Nasal Columella; 453

COMMON BILE DUCT
The Challenge of Therapy for Pancreatitis-Related Common Bile Duct Stricture; 543

COMMON BILE DUCT LITHIASIS
Predicting Common Bile Duct Lithiasis: Determination and Prospective Validation of a Model Predicting Low Risk; 38

COMMON BILE DUCT STONES
Reappraisal of Safety of Endoscopic Sphincterotomy for Common Bile Duct Stones in the Elderly; 51

COMPLICATIONS
Aspiration Pneumonia Following Surgically Placed Feeding Tubes; 564
Classification and Treatment of Local Septic Complications in Acute Pancreatitis; 44
A Comparison of Conservative Therapy and Early Selective Ligation in the Treatment of Lymphatic Complications Following Vascular Procedures; 206
Comparison of Diagnostic Specimens and Methods to Evaluate Infected Venous Access Ports; 665
Complications of Needle Catheter Jejunostomy in 2,022 Consecutive Applications; 547
Factors Predicting the Recurrence of Adhesive Small-Bowel Obstruction; 361
The Percutaneous Treatment of Angioaccess Graft Complications; 238
Reappraisal of Safety of Endoscopic Sphincterotomy for Common Bile Duct Stones in the Elderly; 51

CONTINUOUS AMBULATORY PERITONEAL DIALYSIS
A Salvage Technique for Continuous Ambulatory Peritoneal Dialysis Catheters With Exit-Site Infections; 60

CONTINUOUS MICROWAVE
Clinical Effects of Continuous Microwave for Postoperative Septic Wound Treatment: A Double-Blind Controlled Trial; 271

CONTRALATERAL OCCLUSION
Long-Term Follow-Up of Patients Undergoing Carotid Endarterectomy in the Presence of a Contralateral Occlusion; 165

CORONARY ARTERIOGRAPHY
Routine Coronary Arteriography Before Abdominal Aortic Aneurysm Repair; 246

CORTICOSTERIODS
Are Corticosteroids Salvage Therapy for Refractory Acute Respiratory Distress Syndrome?; 591

COST EFFECTIVENESS
Analysis of Savings in Operative Time for Primary Hyperparathyroidism Using Localization With Technetium-99m Sestamibi Scan; 488
Are One-Day Admissions for Carotid Endarterectomy Feasible?; 140
Is Academic Managed Care an Oxymoron?; 651
Ruptured Abdominal Aortic Aneurysm Repair: The Financial Analysis; 91

CYTOKINE
Transplantation of Keratinocytes in the Treatment of Wounds (RE); 75

DEEP VENOUS THROMBOSIS
Hemodynamic Effects of Intermittent Pneumatic Compression of the Lower Limbs During Laparoscopic Cholecystectomy; 395
Selective Use of the Duplex Scan in Diagnosis of Deep Venous Thrombosis; 201

DIAGNOSIS
Comparison of Diagnostic Specimens and Methods to Evaluate Infected Venous Access Ports; 665
Diagnosis and Management of Malignant Pleural Effusions (RE); 69
Evaluation of the Thoracic and Lumbar Spine After Blunt Trauma; 681
Obturator Hernia Needs a Laparotomy, Not a Diagnosis; 67
Obturator Hernia Needs an Early Diagnosis and Treatment (LE); 524
Unilateral Breast Masses in Men Over 40: A Diagnostic Dilemma; 24
Unilateral Breast Masses in Men Over 40: A Diagnostic Dilemma (LE); 701

DIAPHRAGMATIC INJURY
Evaluation of Video-Assisted Thoracoscopic Surgery in the Diagnosis of Diaphragmatic Injuries; 628
Therapeutic Laparoscopy in Trauma; 632

DUPLEX SCANNING
Appropriate Frequency of Carotid Duplex Testing Following Carotid Endarterectomy; 144
Detection of Total Occlusion, String Sign, and Preocclusive Stenosis of the Internal Carotid Artery by Color-Flow Duplex Scanning; 154

Selective Use of the Dupiex Scan in Diagnosis of Deep Venous Thrombosis; 201

EDUCATION
Incorporation of Endovascular Training Into a Vascular Fellowship Program; 168
Problem Orientation is a New Approach to Surgical Education; 656
Training the Head and Neck Surgeon-Scientist; 410
Two Physicians Named Whipple (LE); 306

ELDERLY
Age Correlates With Increased Frequency of High Risk Factors in Elderly Patients With Thyroid Cancer; 471
Reappraisal of Safety of Endoscopic Sphincterotomy for Common Bile Duct Stones in the Elderly; 51

ELECTROENCEPHALOGRAPHY
Stump Pressure, Electroencephalographic Changes, and the Contralateral Carotid Artery: Another Look at Selective Shunting; 148

ENDOSCOPIC SPHINCTEROTOMY
Reappraisal of Safety of Endoscopic Sphincterotomy for Common Bile Duct Stones in the Elderly; 51

ENDOSCOPIC SURGERY
Extracorporeal Pneumoperitoneum Access Bubble for Endoscopic Surgery; 391

ENDOTRACHEAL TUBE
Decreasing Unplanned Extubations in the Surgical Intensive Care Unit; 586

ENDOVASCULAR
Transfemoral Endovascular Repair of Iliac Artery Aneurysms; 179

ENTERAL NUTRITION
Aspiration Pneumonia Following Surgically Placed Feeding Tubes; 564
Complications of Needle Catheter Jejunostomy in 2,022 Consecutive Applications; 547

EPITHELIAL THICKNESS
Native Cellular Fluorescence Can Identify Changes in Epithelial Thickness In-Vivo in the Upper Aerodigestive Tract; 495

ESOPHAGEAL CANCER
Carcinoembryonic Antigen Measurements in the Management of Esophageal Cancer: An Indicator of Subclinical Recurrence; 597

ESOPHAGEAL PERISTALSIS
Minimally Invasive Surgery for Gastroesophageal Reflux Disease; 614

ESOPHAGEAL VARICEAL HEMORRHAGE
A Critical Appraisal of the Small-Diameter Portacaval H-Graft; 10

ESOPHAGITIS
Fiberoptic Sensor for Bilirubin (LE); 310

ESOPHAGUS
Carcinoembryonic Antigen Measurements in the Management of Esophageal Cancer: An Indicator of Subclinical Recurrence; 597
Esophageal Achalasia: Laparoscopic Versus Conventional Open Heller-Dor Operation; 265
Impact of Clinicopathologic Parameters on Patient Survival in Carcinoma of the Cervical Esophagus; 427
Minimally Invasive Surgery for Gastroesophageal Reflux Disease; 614

ETHANOL
Ethanol Diffusion Miscalculation (LE); 406

EXTRACORPOREAL PNEUMOPERITONEUM
Extracorporeal Pneumoperitoneum Access Bubble for Endoscopic Surgery; 391

EXTUBATION
Decreasing Unplanned Extubations in the Surgical Intensive Care Unit; 586

FASCIOTOMY
Predictors of Amputation for Popliteal Artery Injuries; 568

FCRγ
Surgery and the Release of a Neutrophil Fcγ Receptor; 277

FIBROMUSCULAR
Anomalies at the Thoracic Outlet Are Frequent in the General Population; 33

FINE-NEEDLE ASPIRATION BIOPSY
Credibility and Clinical Utility of Thyroid Fine-Needle Aspiration Biopsy in a Teaching Hospital; 638

FISTULA
Is Octreotide Beneficial Following Pancreatic Injury?; 582

FREE RADICALS
Reflux Esophagitis in Humans is Mediated by Oxygen-Derived Free Radicals; 552

FUNDOPLICATION
Minimally Invasive Surgery for Gastroesophageal Reflux Disease; 614

GASTRECTOMY
Early Clinical Results With the Uncut Roux Reconstruction After Gastrectomy: Limitations of the Stapling Technique; 262
Pylorus-Preserving Gastrectomy With Radical Lymph Node Dissection Based on Anatomical Variations of the Infrapyloric Artery; 285
A Selective Therapeutic Approach to Gastric Cancer in a Large Public Hospital; 602

GASTRIC CANCER
A Selective Therapeutic Approach to Gastric Cancer in a Large Public Hospital; 602

GASTRIC MUSCLE
Ethanol Diffusion Miscalculation (LE); 406

GASTRIC VESSELS
Splenic Preservation Based On Preserved Histology and Phagocytic Function Using Upper Short Gastric Vessels (LE); 702
Splenic Preservation Using Upper Short Gastric Vessels (LE); 304

GASTROESOPHAGEAL REFLUX
Fiberoptic Sensor For Bilirubin (LE); 310
Management of Paraesophageal Hernia With a Selective Approach to Antireflux Surgery; 375
Minimally Invasive Surgery for Gastroesophageal Reflux Disease; 614

GASTROSTOMY
Aspiration Pneumonia Following Surgically Placed Feeding Tubes; 564

GENDER
The Impact of Gender on the Results of Arterial Bypass With In Situ Greater Saphenous Vein; 97

GENERAL SURGEONS
General Surgeons in the World of Gatekeepers, 528

GLUTATHIONE S-TRANSFERASES
Glutathione S-Transferase Genotypes as Risk Factors for Head and Neck Cancer; 499

GRAFTS
The Percutaneous Treatment of Angioaccess Graft Complications; 238
Transfemoral Endovascular Repair of Iliac Artery Aneurysms; 179

GYNECOMASTIA
Unilateral Breast Masses in Men Over 40: A Diagnostic Dilemma; 24

HARTMANN'S OPERATION
Hartmann's Operation—Back to the Future? (LE); 305

HEAD AND NECK NEOPLASMS
Enhanced Tumor Cell Expression of Tumor Necrosis Factor Receptors in Head and Neck Squamous Cell Carcinoma; 416

HEAD AND NECK SURGERY
Prospective Study Using Skin Staplers in Head and Neck Surgery; 451
Training the Head and Neck Surgeon-Scientist; 410

HELLER'S MYOTOMY
Esophageal Achalasia: Laparoscopic Versus Conventional Open Heller-Dor Operation; 265

HEMODIALYSIS
Early Experience With a New ePTFE Vascular Prosthesis for Hemodialysis; 118

HEMOSTASIS
A Prospective Multicenter Evaluation of Preoperative Hemostatic Screening Tests; 19

HEPATIC RESECTION
Alternate Hemihepatic Vascular Control for Hepatic Resection (LE); 84

HERNIA
Abdominal Wall Hernias in Patients With Abdominal Aortic Aneurysmal Versus Aortoiliac Occlusive Disease; 572
Obturator Hernia Needs a Laparotomy, Not a Diagnosis (LE); 309
A Technique for Laparoscopic Repair of Herniation of the Anterior Abdominal Wall Using a Composite Mesh Prosthesis; 62

HYPERPARATHYROIDISM
Analysis of Savings in Operative Time for Primary Hyperparathyroidism Using Localization With Technetium-99m Sestamibi Scan; 488
Investigation of Calcium-Induced Hydrolysis of Phosphoinositides in Normal and Lithium-Treated Parathyroid Cells; 484

HYPERTHYROIDISM
Management of the Hot Thyroid Nodule; 481

ILIAC
Transfemoral Endovascular Repair of Iliac Artery Aneurysms; 179

IMMUNE THROMBOCYTOPENIC PURPURA
Laparoscopic Splenectomy Offers Advantages in Selected Patients with Immune Thrombocytopenic Purpura; 624

INFECTION
Clinical Effects of Continuous Microwave for Postoperative Septic Wound Treatment: A Double-Blind Controlled Trial; 271
Comparison of Diagnostic Specimens and Methods to Evaluate Infected Venous Access Ports; 665
Preincisional Single-Dose Ceftriaxone for the Prophylaxis of Surgical Wound Infection; 353
Recommendations for Initial Antibiotic Treatment of Extracavitary Arterial Graft Infections; 123
A Salvage Technique for Continuous Ambulatory Peritoneal Dialysis Catheters With Exit-Site Infections; 60

INFRAPYLORIC ARTERY
Pylorus-Preserving Gastrectomy With Radical Lymph Node Dissection Based on Anatomical Variations of the Infrapyloric Artery; 285

INGUINAL HERNIA
Laparoscopic Onlay Versus Conventional Inguinal Herniorrhaphy (LE); 406
The Value of Routine Contralateral Groin Examination in Pediatric Inguinal Herniorrhaphy: The Debate Continues (LE); 307

INTERCELLULAR ADHESION MOLECULE-1 (ICAM-1)
Efficacy of Intraportal Injection of Anti–ICAM-1 Monoclonal Antibody Against Liver Cell Injury Following Warm Ischemia in the Rat; 64

INTESTINAL ANASTOMOSIS
Improved Outcome by Identification of High-Risk Nonocclusive Mesenteric Ischemia, Aggressive Reexploration, and Delayed Anastomosis; 577

INTESTINAL INFARCTION
Improved Outcome by Identification of High-Risk Nonocclusive Mesenteric Ischemia, Aggressive Reexploration, and Delayed Anastomosis; 577

INTESTINAL LENGTHENING
Surgical Aspects of the Short-Bowel Syndrome; 532

INTESTINAL OBSTRUCTION
A Prospective, Randomized Trial of Short Versus Long Tubes in Adhesive Small-Bowel Obstruction; 366
Factors Predicting the Recurrence of Adhesive Small-Bowel Obstruction; 361

INTESTINAL TRANSPLANTATION
Surgical Aspects of the Short-Bowel Syndrome; 532

INTESTINAL TUBE
A Prospective, Randomized Trial of Short Versus Long Tubes in Adhesive Small-Bowel Obstruction; 366
Whatever Happened to the Long Tube? (EO); 237

INTRAOPERATIVE IRRADIATION
Intraoperative Irradiation Delays Anastomotic Repair in Rat Colon; 256

INTUBATION
The Safety of Orotracheal Intubation in Patients With Unstable Cervical Spine Fracture or High Spinal Cord Injury; 676

ISCHEMIA
Autologous Saphenous Vein Popliteal-Tibial Artery Bypass for Limb-Threatening Ischemia: A Reassessment; 251
Orthotopic Liver Transplantation With Selective Use of Venovenous Bypass; 671
Peripheral Vascular Complications of Aortic Dissection; 209

JEJUNOSTOMY
Aspiration Pneumonia Following Surgically Placed Feeding Tubes; 564
Complications of Needle Catheter Jejunostomy in 2,022 Consecutive Applications; 547

KERATINOCYTE
Transplantation of Keratinocytes in the Treatment of Wounds (RE); 75

LACTATION
The Diagnosis and Management of Breast Problems During Pregnancy and Lactation (RE); 401

LAPAROSCOPIC SURGERY
Esophageal Achalasia: Laparoscopic Versus Conventional Open Heller-Dor Operation; 265
Hemodynamic Effects of Intermittent Pneumatic Compression of the Lower Limbs During Laparoscopic Cholecystectomy; 395
Is Academic Managed Care an Oxymoron?; 651
Laparoscopic Onlay Versus Conventional Inguinal Herniorrhaphy (LE); 406
Laparoscopic Splenectomy Offers Advantages in Selected Patients With Immune Thrombocytopenic Purpura; 624
The Learning Curve for Laparoscopic Cholecystectomy; 55
Managing Choledocholithiasis in the Laparoscopic Era; 619
A Technique for Laparoscopic Repair of Herniation of the Anterior Abdominal Wall Using a Composite Mesh Prosthesis; 62
Therapeutic Laparoscopy in Trauma; 632

LAPAROTOMY
Factors Influencing Wound Dehiscence After Midline Laparotomy; 387

LENGTH OF STAY
Reduced Length of Stay Following Carotid Endarterectomy Under General Anesthesia; 235

LIGATION
Does Level of Ligation Influence Results in a Murine Biliary Obstruction Model? (LE); 701

LIMB SALVAGE
Choice of Peroneal or Dorsalis Pedis Artery Bypass for Limb Salvage; 109
Factors Influencing Limb Salvage and Survival After Amputation and Revascularization in Patients With End-Stage Renal Disease; 113
Limb Salvage and Patency After Aortic Reconstruction in Younger Patients; 188

LITHIUM
Investigation of Calcium-Induced Hydrolysis of Phosphoinositides in Normal and Lithium-Treated Parathyroid Cells; 484

LIVER
Does Level of Ligation Influence Results in a Murine Biliary Obstruction Model?; 289
Efficacy of Intraportal Injection of Anti–ICAM-1 Monoclonal Antibody Against Liver Cell Injury Following Warm Ischemia in the Rat; 64
Orthotopic Liver Transplantation With Selective Use of Venovenous Bypass; 671

LIVER TRAUMA
Cardiopulmonary Hazards of Perihepatic Packing for Major Liver Injuries; 537

LONG TUBE
A Prospective, Randomized Trial of Short Versus Long Tubes in Adhesive Small-Bowel Obstruction; 366
Whatever Happened to the Long Tube? (EO); 237

LUMBAR SPINE
Evaluation of the Thoracic and Lumbar Spine After Blunt Trauma; 681

LYMPH NODE METASTASIS
Factors Influencing Contralateral Metastasis and Prognosis From Pyriform Sinus Carcinoma; 440

LYMPHOEPITHELIAL CYST
A Comprehensive Characterization of Lymphoepithelial Cyst Associated With the Pancreas; 27

LYMPHOSCINTIGRAPHY
Prediction of Potential Metastatic Sites in Cutaneous Head and Neck Melanoma Using Lymphoscintigraphy; 461

MAMMOGRAPHY
Immediate Biopsy Versus Observation for Abnormal Findings on Mammograms: An Analysis of Potential Outcomes and Costs; 327
Interval Mammography After Needle Localization Biopsy of Breast Abnormalities That Are Pathologically Benign; 323

MANAGED CARE
General Surgeons in the World of Gatekeepers, 528
Is Academic Managed Care an Oxymoron?; 651

MANDIBULAR RECONSTRUCTION
Long-Term Evaluation of Patients Undergoing Immediate Mandibular Reconstruction; 517

MELANOMA
Isolated Hyperthermic Perfusion With Mitoxantrone or Melphalan in Malignant Melanoma of the Limb; 345
Modified Ilioinguinal Node Dissection for Metastatic Melanoma; 647
Prediction of Potential Metastatic Sites in Cutaneous Head and Neck Melanoma Using Lymphoscintigraphy; 461

MELPHALAN
Isolated Hyperthermic Perfusion With Mitoxantrone or Melphalan in Malignant Melanoma of the Limb; 345

METASTASIS
Modified Ilioinguinal Node Dissection for Metastatic Melanoma; 647
Parotid and Neck Metastases From Cutaneous Squamous Cell Carcinoma of the Head and Neck; 446
Prediction of Potential Metastatic Sites in Cutaneous Head and Neck Melanoma Using Lymphoscintigraphy; 461

MICROEMBOLISM
Cerebral Microembolism During Carotid Endarterectomy; 159

MICROSURGERY
Clinical Experience With a Microvascular Anastomotic Device in Head and Neck Reconstruction; 521

MICROVASCULAR ANASTOMOTIC COUPLING DEVICE
Clinical Experience With a Microvascular Anastomotic Device in Head and Neck Reconstruction; 521

MITOXANTRONE
Isolated Hyperthermic Perfusion With Mitoxantrone or Melphalan in Malignant Melanoma of the Limb; 345

MORTALITY
Severe Acidosis Alone Does Not Predict Mortality in the Trauma Patient; 691

MUCOSAL DAMAGE
Reflux Esophagitis in Humans is Mediated by Oxygen-Derived Free Radicals; 552

NATIVE CELLULAR FLUORESCENCE
Native Cellular Fluorescence Can Identify Changes in Epithelial Thickness In-Vivo in the Upper Aerodigestive Tract; 495

NECK DISSECTION
Elective Neck Dissection in the Treatment of T3/T4 N0 Squamous Cell Carcinoma of the Larynx; 436

NEEDLE CATHETER
Complications of Needle Catheter Jejunostomy in 2,022 Consecutive Applications; 547

NEEDLE-LOCALIZATION BIOPSY
Immediate Biopsy Versus Observation for Abnormal Findings on Mammograms: An Analysis of Potential Outcomes and Costs; 327
Interval Mammography After Needle-Localization Biopsy of Breast Abnormalities That Are Pathologically Benign; 323
Surgical Margins After Needle-Localization Breast Biopsy; 643

NEPHRECTOMY
Simultaneous Abdominal Aortic Aneurysm Repair and Nephrectomy for Neoplasm; 227

NEUROMUSCULAR BRIDGE
Elimination of the Roux Stasis Syndrome Using a New Type of "Uncut Roux" Limb; 381

NISSEN FUNDOPLICATION
Management of Paraesophageal Hernia With a Selective Approach to Antireflux Surgery; 375

NITRIC OXIDE
Nitric Oxide: An Overview (RE); 292

NODE DISSECTION
Modified Ilioinguinal Node Dissection for Metastatic Melanoma; 647

NONOCCLUSIVE MESENTERIC ISCHEMIA
Improved Outcome by Identification of High-Risk Nonocclusive Mesenteric Ischemia, Aggressive Reexploration, and Delayed Anastomosis; 577

OBTURATOR HERNIA
Obturator Hernia Needs a Laparotomy, Not a Diagnosis; 67
Obturator Hernia Needs an Early Diagnosis and Treatment (LE); 524

ONCOGENES
TP53 Mutations in Upper Aerodigestive Squamous Cell Carcinomas From a Group of Brazilian Patients; 492

ORAL CANCER
Are the New Staging Rules Better for T4 Oral Cancer?; 432
Detection of Squamous Neoplasia by Fluorescence Imaging Comparing Porfimer Sodium Fluorescence to Tissue Autofluorescence in the Hamster Cheek-Pouch Model; 423
The Effect of Thrombospondin on Oral Squamous Carcinoma Cell Invasion of Collagen; 502

OUTCOME
Institution and Per-Surgeon Volume Versus Survival Outcome in Pennsylvania's Trauma Centers; 333

PANCREAS
A Comprehensive Characterization of Lymphoepithelial Cyst Associated With the Pancreas; 27
Is Octreotide Beneficial Following Pancreatic Injury?; 582

PANCREATITIS
The Challenge of Therapy for Pancreatitis-Related Common Bile Duct Stricture; 543
Classification and Treatment of Local Septic Complications in Acute Pancreatitis; 44

PARAESOPHAGEAL HERNIA
Management of Paraesophageal Hernia With a Selective Approach to Antireflux Surgery; 375

PARATHYROID
Investigation of Calcium-Induced Hydrolysis of Phosphoinositides in Normal and Lithium-Treated Parathyroid Cells; 484

PAROTID GLAND
Parotid and Neck Metastases From Cutaneous Squamous Cell Carcinoma of the Head and Neck; 446

PATIENT ADVOCACY
Power, Professionalism, and Patient Advocacy; 407

PEDIATRICS
A Half Century of Experience With Carcinoid Tumors in Children; 606
The Value of Routine Contralateral Groin Examination in Pediatric Inguinal Herniorrhaphy: The Debate Continues (LE); 307

PERFUSION
Isolated Hyperthermic Perfusion With Mitoxantrone or Melphalan in Malignant Melanoma of the Limb; 345

PERIHEPATIC PACKING
Cardiopulmonary Hazards of Perihepatic Packing for Major Liver Injuries; 537

PERITONEAL DIALYSIS
Acute Peritoneal Dialysis Following Ruptured Abdominal Aortic Aneurysms; 223
A Salvage Technique for Continuous Ambulatory Peritoneal Dialysis Catheters With Exit-Site Infections; 60

PLASMAPHERESIS
Thrombotic Thrombocytopenic Purpura: Indications for and Results of Splenectomy; 558

PLATELETS
In Vivo Platelet Deposition on Polytetrafluoroethylene Coated With Fibrin Glue Containing Fibroblast Growth Factor 1 and Heparin in a Canine Model; 126

PLEURAL EFFUSIONS
Diagnosis and Management of Malignant Pleural Effusions (RE); 69

PNEUMOPERITONEAL
Extracorporeal Pneumoperitoneum Access Bubble for Endoscopic Surgery; 391

POLYMORPHONUCLEAR LEUKOCYTE
Surgery and the Release of a Neutrophil Fcγ Receptor; 277

POLYTETRAFLUOROETHYLENE
A Critical Appraisal of the Small-Diameter Portacaval H-Graft; 10
Early Experience With a New ePTFE Vascular Prosthesis for Hemodialysis; 118
In Vivo Platelet Deposition on Polytetrafluoroethylene Coated With Fibrin Glue Containing Fibroblast Growth Factor 1 and Heparin in a Canine Model; 126
Noninvasive Predictors of Patency for Infrapopliteal PTFE Bypasses With Combined Arteriovenous Fistula and Vein Interposition Technique; 103

POPLITEAL ARTERY
Predictors of Amputation for Popliteal Artery Injuries; 568

POPLITEAL-TIBIAL BYPASS
Autologous Saphenous Vein Popliteal-Tibial Artery Bypass for Limb-Threatening Ischemia: A Reassessment; 251

PORTACAVAL H-GRAFT
A Critical Appraisal of the Small-Diameter Portacaval H-Graft; 10

POSTOPERATIVE ILEUS
Patient-Controlled Analgesia and Prolonged Ileus After Uncomplicated Colectomy; 371

PREGNANCY
The Diagnosis and Management of Breast Problems During Pregnancy and Lactation (RE); 401

PREOPERATIVE SCREENING
A Prospective Multicenter Evaluation of Preoperative Hemostatic Screening Tests; 19

PROBLEM-BASED LEARNING
Problem Orientation is a New Approach to Surgical Education; 656

PROGNOSIS
Outcome and Expansion Rate of 57 Thoracoabdominal Aortic Aneurysms Managed Nonoperatively; 213

PROPHYLAXIS
Preincisional Single-Dose Ceftriaxone for the Prophylaxis of Surgical Wound Infection; 353

PROSTHESIS
A Critical Appraisal of the Small-Diameter Portacaval H-Graft; 10
Noninvasive Predictors of Patency for Infrapopliteal PTFE Bypasses With Combined Arteriovenous Fistula and Vein Interposition Technique; 103

PSYCHONEUROIMMUNOLOGY
Psychoneuroimmunology: A New Fad or the Fifth Cancer Treatment Modality? (EO); 2

RADIOIMMUNOGUIDED SURGERY
Radioimmunoguided Surgery in Primary Colorectal Carcinoma: An Intraoperative Prognostic Tool and Adjuvant to Traditional Staging; 315

RECIDIVISM
Risks, Costs, and the Expected Complication of Re-injury; 660

RECONSTRUCTION
Long-Term Evaluation of Patients Undergoing Immediate Mandibular Reconstruction; 517
Clinical Experience With a Microvascular Anastomotic Device in Head and Neck Reconstruction; 521

RECTAL CANCER
Preoperative Chemoradiation Downstages Locally Advanced Ultrasound-Staged Rectal Cancer; 609

REFLUX ESOPHAGITIS
Reflux Esophagitis in Humans is Mediated by Oxygen-Derived Free Radicals; 552

REFRACTORY ACUTE RESPIRATORY DISTRESS
Are Corticosteroids Salvage Therapy for Refractory Acute Respiratory Distress Syndrome?; 591

REINTUBATION
Decreasing Unplanned Extubations in the Surgical Intensive Care Unit; 586

RENAL ARTERY STENOSIS
Selection of Patients for Renal Artery Repair Using Captopril Testing; 183

RENAL DISEASE
Factors Influencing Limb Salvage and Survival After Amputation and Revascularization in Patients With End-Stage Renal Disease; 113

RENAL FAILURE
Acute Peritoneal Dialysis Following Ruptured Abdominal Aortic Aneurysms; 223

REPERFUSION INJURY
Efficacy of Intraportal Injection of Anti–ICAM-1 Monoclonal Antibody Against Liver Cell Injury Following Warm Ischemia in the Rat; 64

RESUSCITATION
Severe Acidosis Alone Does not Predict Mortality in the Trauma Patient; 691
Survival in Major Burn Injuries Is Predicted by Early Response to Swan-Ganz–Guided Resuscitation; 696

REVASCULARIZATION
Factors Influencing Limb Salvage and Survival After Amputation and Revascularization in Patients With End-Stage Renal Disease; 113
Limb Salvage and Patency After Aortic Reconstruction in Younger Patients; 188
Peripheral Vascular Complications of Aortic Dissection; 209

RIGHT VENTRICULAR ANGLE
Clamp Control of the Right Ventricular Angle to Facilitate Exposure and Repair of Cardiac Wounds; 399

ROUX STASIS SYNDROME
Early Clinical Results With the Uncut Roux Reconstruction After Gastrectomy: Limitations of the Stapling Technique; 262
Elimination of the Roux Stasis Syndrome Using a New Type of "Uncut Roux" Limb; 381

SALIVARY GLAND NEOPLASMS
Treating Tumors of the Sublingual Glands, Including a Useful Technique for Repair of the Floor of the Mouth After Resection; 457

SAPHENOUS VEIN
Prospective Study of the Value of Prebypass Saphenous Vein Angioscopy; 106

SEPSIS
Clinical Effects of Continuous Microwave for Postoperative Septic Wound Treatment: A Double-Blind Controlled Trial; 271
Surgery and the Release of a Neutrophil Fcγ Receptor; 277

SESTAMIBI
Analysis of Savings in Operative Time for Primary Hyperparathyroidism Using Localization With Technetium-99m Sestamibi Scan; 488

SHORT-BOWEL SYNDROME
Surgical Aspects of the Short-Bowel Syndrome; 532

SHUNTING
Stump Pressure, Electroencephalographic Changes, and the Contralateral Carotid Artery: Another Look at Selective Shunting; 148

SKIN STAPLES
Prospective Study Using Skin Staplers in Head and Neck Surgery; 451

SMALL BOWEL
Factors Predicting the Recurrence of Adhesive Small-Bowel Obstruction; 361
A Prospective, Randomized Trial of Short Versus Long Tubes in Adhesive Small-Bowel Obstruction; 366

SMALL INTESTINE
Whatever Happened to the Long Tube? (EO); 237

SMOOTH-MUSCLE CELL
Transforming Growth Factor-ß1 Inhibits Human Arterial Smooth-Muscle Cell Proliferation in a Growth-Rate–Dependent Manner; 193

SOMATOSTATIN
Is Octreotide Beneficial Following Pancreatic Injury?; 582

SPINAL CORD INJURY
The Safety of Orotracheal Intubation in Patients With Unstable Cervical Spine Fracture or High Spinal Cord Injury; 676

SPLEEN
Changing Trends in the Management of Splenic Injury; 686
Splenic Preservation Based On Preserved Histology and Phagocytic Function Using Upper Short Gastric Vessels (LE); 702
Splenic Preservation Using Upper Short Gastric Vessels (LE); 304

SPLENECTOMY
Laparoscopic Splenectomy Offers Advantages in Selected Patients With Immune Thrombocytopenic Purpura; 624
Thrombotic Thrombocytopenic Purpura: Indications for and Results of Splenectomy; 558

SQUAMOUS CELL CARCINOMA
Improved Survival With Preoperative Chemotherapy Followed by Resection Uncompromised by Tumor Response for Advanced Squamous Cell Carcinoma of the Head and Neck; 506
Parotid and Neck Metastases From Cutaneous Squamous Cell Carcinoma of the Head and Neck; 446
TP53 Mutations in Upper Aerodigestive Squamous Cell Carcinomas From a Group of Brazilian Patients; 492

STAGING
Are the New Staging Rules Better for T4 Oral Cancer?; 432
Preoperative Chemoradiation Downstages Locally Advanced Ultrasound-Staged Rectal Cancer; 609
A Selective Therapeutic Approach to Gastric Cancer in a Large Public Hospital; 602

STENT GRAFT
Delayed Rupture of Aortic Aneurysms Following Endovascular Stent Grafting; 174

STEROIDS
Thrombotic Thrombocytopenic Purpura: Indications for and Results of Splenectomy; 558

STUMP PRESSURE
Stump Pressure, Electroencephalographic Changes, and the Contralateral Carotid Artery: Another Look at Selective Shunting; 148

SUBLINGUAL GLAND
Treating Tumors of the Sublingual Glands, Including a Useful Technique for Repair of the Floor of the Mouth After Resection; 457

SURGICAL HERITAGE
Two Physicians Named Whipple (LE); 306

SURGICAL MESH
Polypropylene Mesh Closure of the Complicated Abdominal Wound; 15

SURVIVAL
Impact of Clinicopathologic Parameters on Patient Survival in Carcinoma of the Cervical Esophagus; 427
Survival in Major Burn Injuries Is Predicted by Early Response to Swan-Ganz–Guided Resuscitation; 696

SURVIVAL ANALYSIS
Factors Influencing Contralateral Metastasis and Prognosis From Pyriform Sinus Carcinoma; 440

TGF-ß
The Effect of Thrombospondin on Oral Squamous Carcinoma Cell Invasion of Collagen; 502

THORACIC OUTLET
Anomalies at the Thoracic Outlet Are Frequent in the General Population; 33
Congenital Cervical Bands in Thoracic Outlet Syndrome (LE); 524

THORACIC SPINE
Evaluation of the Thoracic and Lumbar Spine After Blunt Trauma; 681

THORACOSCOPY
Evaluation of Video-Assisted Thoracoscopic Surgery in the Diagnosis of Diaphragmatic Injuries; 628

THROMBOLYSIS
Computerized Angiographic Analysis of the Outcome of Peripheral Thrombolysis; 131
Occluded Infrainguinal Grafts: When to Choose Lytic Therapy Versus a New Bypass Graft; 136

THROMBOSPONDIN
The Effect of Thrombospondin on Oral Squamous Carcinoma Cell Invasion of Collagen; 502

THROMBOTIC THROMBOCYTOPENIC PURPURA
Thrombotic Thrombocytopenic Purpura: Indications for and Results of Splenectomy; 558

THYROID
Age Correlates With Increased Frequency of High Risk Factors in Elderly Patients With Thyroid Cancer; 471
Credibility and Clinical Utility of Thyroid Fine-Needle Aspiration Biopsy in a Teaching Hospital; 638
Differentiated Carcinoma of the Thyroid With Extrathyroidal Extension; 467
An Evaluation of Prognostic Scoring Systems in Patients With Follicular Thyroid Cancer; 476
Management of the Hot Thyroid Nodule; 481

THYROIDECTOMY
Management of the Hot Thyroid Nodule; 481

TRANSFORMING GROWTH FACTOR-ß
Transforming Growth Factor-ß1 Inhibits Human Arterial Smooth-Muscle Cell Proliferation in a Growth–Rate-Dependent Manner; 193

TRANSMANDIBULAR SUTURE
Treating Tumors of the Sublingual Glands, Including a Useful Technique for Repair of the Floor of the Mouth After Resection; 457

TRANSPLANTATION
Orthotopic Liver Transplantation With Selective Use of Venovenous Bypass; 671

TRAUMA
Evaluation of the Thoracic and Lumbar Spine After Blunt Trauma; 681
Evaluation of Video-Assisted Thoracoscopic Surgery in the Diagnosis of Diaphragmatic Injuries; 628
Institution and Per-Surgeon Volume Versus Survival Outcome in Pennsylvania's Trauma Centers; 333
Is Octreotide Beneficial Following Pancreatic Injury?; 582
Penetrating Trauma and Emergency Surgery in Patients With AIDS; 341
Polypropylene Mesh Closure of the Complicated Abdominal Wound; 15
Risks, Costs, and the Expected Complication of Re-injury; 660
Severe Acidosis Alone Does Not Predict Mortality in the Trauma Patient; 691
Therapeutic Laparoscopy in Trauma; 632

TUMOR NECROSIS FACTORS
Enhanced Tumor Cell Expression of Tumor Necrosis Factor Receptors in Head and Neck Squamous Cell Carcinoma; 416

TUMOR RECURRENCE
A Prospective Study of Tumor Recurrence and the Acute-Phase Response After Apparently Curative Colorectal Cancer Surgery; 319

VASCULAR ACCESS
Early Experience With a New ePTFE Vascular Prosthesis for Hemodialysis; 118

VASCULAR CLAMP
Clamp Control of the Right Ventricular Angle to Facilitate Exposure and Repair of Cardiac Wounds; 399

VASCULAR COMPLICATIONS
Peripheral Vascular Complications of Aortic Dissection; 209

VASCULAR CONTROL
Alternate Hemihepatic Vascular Control for Hepatic Resection (LE); 84

VASCULAR GRAFTING
In Vivo Platelet Deposition on Polytetrafluoroethylene Coated With Fibrin Glue Containing Fibroblast Growth Factor 1 and Heparin in a Canine Model; 126

VASCULAR PROCEDURES
A Comparison of Conservative Therapy and Early Selective Ligation in the Treatment of Lymphatic Complications Following Vascular Procedures; 206

VASCULAR SURGERY
Incorporation of Endovascular Training Into a Vascular Fellowship Program; 168

VENOUS ACCESS
Comparison of Diagnostic Specimens and Methods to Evaluate Infected Venous Access Ports; 665

VENOVENOUS BYPASS
Orthotopic Liver Transplantation With Selective Use of Venovenous Bypass; 671

VIOLENCE
Risks, Costs, and the Expected Complication of Re-injury; 660

WHIPPLE PROCEDURE
Two Physicians Named Whipple (LE); 306

WOUND DEHISCENCE
Factors Influencing Wound Dehiscence After Midline Laparotomy; 387

WOUND HEALING
Transplantation of Keratinocytes in the Treatment of Wounds (RE); 75